

SERCELJ, A.

The lower Pleistocene vegetation from Zalog near Novo mesto. Bul sc
Yug 6 no.2:38-39 Je '61.

1. Arheoloski oddelek Slovensk akademije znanosti in umetnosti,
Ljubljana.

(Yugoslavia—Paleontology—Pleistocene)

SERCER, Ante; KRMPOTIC, Jelena

Results of our studies on the evolution of the base of the skull in
man. Rad. med. fak. Zagreb 8 no.3:215-222 '60.

(CRANIOMETRY)

SERCL, M.

Czechoslovakia

CA:47:11563

with O. JAROS.

"Clinical and electroencephalographic effects of a barbiturate."
Casopis Lekaru Ceskych 88, 1172-7 (1949); Excerpta Med., Sect.
VIII, 3. 149 (1950)

SERCL, M.

KOVARIK, J., SERCL, M.

Early diagnosis of extensive intracranial tumors. Lek. listy 5:15-16,
1 Aug. 50. p. 439-44

1. Of the Neurological Clinic Palackeho University in Olomouc (Head--
Prof. Mir. Sercl, M. D.).

CML 19, 5, Nov., 1950

SEROL, MIR.

Czechoslovakia

CA: 47:12657

Univ. Karlovy v Praze

"The barbiturate test in normal individuals and in patients with organic disease
of the nervous system."

Neurol. a Psychiat. Ceskoslovenska (Prague) 12, 102-35 (1949); Excerpta Med.,
Sect. VIII, 3, 175-6 (1950).

SERCL, M.
1438

Universita Palackeho, klinika neurologicka. Histaminove kombinovane infuse u nervovych chorob Combined histamine infusions in the treatment of nervous diseases Neurol. Psychiat. csl. 1950, 13/2 (86-95) Graphs 12 Illus. 4
Combined venous infusions of histamine, B1 and C vitamins were given to various patients, especially in multiple sclerosis. The best results were in acute cases after 3-4 infusions, whereas in chronic cases the infusions provoked the reappearance of some signs of pyramidal tract lesions. Therefore it is recommended to give only 3-4 infusions in chronic cases of multiple sclerosis and also in cases of extrapyramidal lesions. The infusions helped in some cases of peripheral nerve lesions and in some cases of headache in arachnoiditis, which were resistant to other forms of treatment. The method is not to be used in patients with myocardial disease , in disease. During the infusion one has to observe the pulse, blood pressure and vasomotor signs in order to prevent complications.

Jirout - Prague

So: Excerpta Medica, Section VIII, Vol. 5, No. 4, April 1952

SERCL, M.

Comparative clinical studies on hyperextensibility and deficiency manifestations in injuries of the pyramidal tract.
Neur. & Psychiat. cesk. 13 no.3:129-145 July 1950.(CIML 20:1)

1. Of the Neurological Clinic, Palackeho University (Head—Prof. Mir. Sercl, M. D.).

SERCL, Miroslav (Col. MD. Prof.) (Hradec Kralove Military Medical Academy)

Coauthor, with Maj. Otakar JAROS, MD, of article, "Clinical Symptomatology of Poliomyelitis in Hradec Kralove KraJ in 1953," discussing the causes of poliomyelitis and areas affected by it.
(VZL, Feb. 55)

SO: Sum. 600, 1 Aug. 1955,

CZECHOSLOVAKIA/Virology - Human and Animal Viruses.

E.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 85809

Author : Jaros. O., Sercl, M., Zdrahal, L.

Inst : -
Title : The Neurologic Picture of Virus Neuroinjections (except Poliomyelitis) in the Gradetskiy Oblast in 1953.

Orig Pub : Vojenske Zdravotn. Listy, 1955, Vol. 24, No 2, 41-44

Abstract : No abstract.

Card 1/1

SERCL, Miroslav, Prof., Dr.

Neurological findings in boxers. Sborn. lek. 57 no.5:137-144
May 55.

(CENTRAL NERVOUS SYSTEM, diseases
caused by boxing)
(ATHLETICS, injurious effects
CNS disord. in boxing)

SERCL, M

✓ The metabolism of pyruvic acid in multiple sclerosis. M. Sercl and B. Jonnová (Hradec Králové, Czechoslovakia). *Congrès Neurol.* 16, 177-92 (1956) (In French). — Pyruvic acid (I) was determined in blood and urine from 60 patients with multiple sclerosis (m.s.) and 40 patients with other neurological diseases after a 24-hr. fast and after giving glucose (II) or vitamin B₆ (III). In 37 of the m.s. patients the fasting I concn. was above normal in the blood and in 21 elevated in urine. Similar results were obtained in the patients with other neurological diseases. After giving II or III the I concn. in blood rose more rapidly than in normal persons and decreased more rapidly to the original level.

Warren M. Sperry

SERCL, M.

Diagnostic errors in subacute and chronic stages of poliomyelitis.
Cas. lek. cesk. 96 no.3:78-83 18 Jan 57.

1. Neurologicka klinika VLA v Hradci Kralove, prednosta prof.

Dr. Mir. Sercl.

(POLIOMYELITIS, diag.

errors in chronic & subacute stages (Cz))

SERCL, M.; JAROS, O.; SVACINA, J.; KOVARIK, J.; NETTL, S.; ZDRAHAL, L.;
~~STOVICEK, J.~~; LICHY, J.; JECHOVA, D.; SIMKOVA, D.; XYRAL, Vl.

Problem of the effect of one-centimeter electromagnetic waves on
the nervous system in exposed workers (radar). Pracovni lek. 11
no.8:395-400 oct 59.

1. Neurologicka klinika v Hradci Kralove, prednosta prof. Dr. Sc.
MUDr. Mir Sercl.
(RADAR) (NERVOUS SYSTEM, radiation eff.)

SERCL, M.; JAROS, O.; GROSSMANN, V.; KVETINA, J.

Critical considerations on sodium succinate therapy of multiple sclerosis. Cesk. neur. 22 no.1:11-19 Feb 59.

1. Naurologicka klinika VIA J. Ev. P., prednosta prof. Dr. Sc. M. Sercl
Farmakologicky ustav VIA J. Ev. P., prednosta doc. Dr. V. Grossmann.

(MULTIPLE SCLEROSIS, therapy,
sodium succinate (Cz))

(SUCCINATES, ther. use,
sodium succinate in multiple sclerosis (Cz))

SERCL, Miroslav; KOVARIK, Jaromir

Contribution to the familial occurrence of amyotrophic lateral sclerosis. Studies on amyotrophic lateral sclerosis VI. Cesk. neur. 23 no. 6:406-411 0'60.

1. Neurologicka klinika lekarske fakulty ECU v Hradci Kralove,
prednosta prof. Dr.Sc. MUDr. M.Sercl.
(AMYOTROPHIC LATERAL SCLEROSIS genetics)

SERCL M.
SHERTSL', M.; KOVARZHIK, Ya.

Lateral amyotrophic sclerpsis; a clinical study of 50 patients
from the point of view of external factors. Zhur.nevr.i psikh.
60 no.9:1101-1105. '60. (MIRA 14:1)

1. Nevrologicheskaya klinika meditsinskogo fakul'teta v Gradtse
Kravlove (rukovoditel' - prof. M. Shertsl'), Chekhoslovakija.
(SPINAL CORD--DISEASES)

SERCL, Miroslav; KOVARIK, Jaromir; JAROS, Otakar

Clinical experiences with Psilocybin Sandoz (CY 39 Sandoz).
Sborn. ved.prac. lek. fak. Karlov. univ. (Hrad Kral) 4 no.4:421-426
'61.

1. Neurologicka klinika; prednosta prof. DrSc. MUDr. M. Sercl.
(HALLUCINOGENS ther) (INDOLES ther)
(MENTAL DISORDERS ther)

SERCL, Miroslav; JECHOVA, Dagmar; KOMRSKA, Milan; KOVARIK, Jaromir;
KRYAL, Vlastimil; LICHA, Heleна; LICHY, Josef; NETTL, Sasa;
SIMKOVA, Dagmar; STOVICEK, Jaroslav; VRCHNA, Lubomir; ZDRAHAL,
Leopold; TUSL, Miloslav; SVORCOVA, Stepanka; KAUT, Vlastislav

On the effect of 1-centimeter electromagnetic waves on the nervous
system in man (radar). Sborn. ved. prac. lek. fak. Karlov. univ.
(Hrad Kral) 4 no.4:427-440 '61.

1. Neurologicka klinika; prednosta prof. DrSc. MUDr. M. Sercl
Katedra obecne hygieny; prednosta prof. MUDr. V. Dvorak.
(RADAR) (NERVOUS SYSTEM physiol)

SERCL, Miroslav; KAVARIK, Jaromir; JICHA, Josef

Lipoproteins and lipids in the blood serum in some organic neurological diseases. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) 4 no.4:441-445 '61.

1. Neurologicka klinika; prednosta prof. DrSc. MUDr. M. Sercl
Ustredni biochemicka laborator; prednosta prim. MUDR. J. Jicha.
(LIPOPROTEINS blood) (LIPIDS blood)
(MULTIPLE SCLEROSIS blood) (MUSCULAR ATROPHY blood)

SERCL, M.; JAROS, O.

Mechanisms of closed head injuries in boxers and their sequelae.
Rozhl. chir. 41 no. 9: 597-600 S '62.

1. Neurologicka klinika lek. fak. University Karlovy v Hradci Kralove,
prednosta prof. dr. M. Sercl.
(BOXING) (HEAD INJURIES) (NEUROLOGIC MANIFESTATIONS)

SERCL, M.; KOVARIK, J.; JICHA, J.

A contribution to the problem of the level of lipids in the blood
serum in disseminated sclerosis. Cas.lek.cesk 101 no.2:48-54
12 Ja '62.

1. Neurologicka klinika lekarske fakulty KU v Hradci Kralove, prednosta
prof. Dr. Sc. MUDr. M. Sercl Ustredni biochemicka laborator KUNZ v
Hradci Kralove, prednosta MUDr. J. Jicha.

(MULTIPLE SCLEROSIS blood) (LIPIDS blood)

SERCL, Miroslav; KOVARIK, Jaromir

On the effect of centrophenoxine (ANP 235, Lucidril) in
Charcot's disease. Study on amyotrophic lateral sclerosis.
XIII. Sborn.ved.prac.lek.fak.Karlov. Univ. (Hrad.Kral.)
6 no.5:579-585 '63.

1. Neurologicka klinika; prednosta prof.MUDr.M.Sercl.
DrSc., LFUK v Hradci Kralove.

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SERCL, M.; KOVARIK, J.

Geomedical factors in amyotrophic lateral sclerosis in Czechoslovakia
with special reference to the Hradec Kralove region. Cesk. neurol. 25
no. 3:183-186 My '62.

1. Neurologicka klinika lekarske fakulty KU v Hradci Kralove, pred-
nosta prof. MUDr. M. Sercl, DrSc.

(AMYOTROPHIC LATERAL SCLEROSIS statistics)

CZECHOSLOVAKIA

SERCL, M., MD, Dr of Sciences, Professor, and JAROS, O., of the Neurological Clinic (Neurologicka klinika), Faculty of Medicine (Lekarska fakulta), Charles University, Hradec Králové; M. SERCL, MD, director.

"Neurological Findings in Boxers"

Prague, Casopis Lekaru Ceskych, Vol CII, No 16, 19 April 63, pp 421-426.

Abstract [Authors' English summary]: Boxing provides an opportunity to study covered cranial injuries. From an analysis of 1,065 matches it appeared that most dangerous injuries to the central nervous system are the shifting mechanisms of the brain, brain stem and cerebrospinal fluid. These mechanisms play an important role in exhausted boxers with a reduced tonus of the cervical musculature. Other mechanisms are less serious. About nine percent of boxers in Czechoslovakia were found to suffer a chronic encephalitis.

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SERCL; Miroslav; KOVARIK, Jaromir; JAROS, Otakar; VRCHA, Lubomir;
SIMKOVA, Dagmar.

Clinical trials with N-(3,4,5-trimethoxybenzoyl)-tetrahydro-
1,4-oxazine (trioxazine, V-7) Budapest. Sborn. ved. prac. lek.
fak. Karlov. Univ. (Hrad. Kral.) 6 no. 3:345-350 '63.

1. Neurologicka klinika, Universita Karlova (prednosta: DrSc,
prof., MUDr. M. Sercl).

*

SURKOV, M., prof. dr., DrSc.; JAKSHIWA, R.; KOMRSKA, M.; KOVARIK, J.; KYRAL, V.;
LICHNA, H.; LIPKY, J.; NETTE, S.; SVOBODA, D.; STOVICEK, J.; VRCHA, L.;
ZIMBAL, I.

The problem of late effects of poisoning with organic phosphate
insecticides. Česk. neurol. 28 no.3:220-223 Ap '65.

1. Neurologická klinika Lékařské fakulty Karlovy University v
Hradci Králové (prednosta: prof. dr. M. Šercl, DrSc.).

SEGM. Vassilev, prof. MUDr., DrSc.; KOVÁČIK, Jaroslav; ŠIMKA, J. M.D., MUDr.;
LUCÝ, Jiří

The problem of serum transaminases in amyotrophic lateral
sclerosis. Sborn. ved. pran. Lek. fak. Univer. v Brně. 7 no. 1:
600-615 - 164.

1. Neurologická skupina (prednosta: prof. MUDr. M. Sedlák, DrSc.).
a Neuropathologická skupina (prednosta: MUDr. J. Jícha).

SERCL, Miroslav; JECHOVA, Dagmar; KOMRSKA, Milan; KOVARIK, Jaromir; KYRAL,
Vlastimil; LICHA, Helena; LICHY, Josef; METTL, Sasa; SIMKOVA,
Dagmar; STOVICEK, Jaroslav; VRCHA, Lubomir; ZDRAHAL, Leopold.

On the possible development of demyelination diseases of the
human central nervous system resulting from injury by organic
phosphate insecticides. Sborn. ved. prac. lek. fak. Karlov.
Univ. 9 no.1:175-182 '64.

1. Neurologicka klinika (prednosta: prof. MUDr. M. Serci, DrSc)
Karlov University v Hradci Kralove.

L 12843-66 EWT(1)/EWA(j)/EWA(b)-2 RO

ACC NR: AP6005712

SOURCE CODE: CZ/0082/65/000/003/0220/0223

AUTHOR: Sercl, M.; Jechova, D.; Komraka, M.; Kovarik, J.; Kyral, V.; Licha, H.;
Lichy, J.; Nettl, S.; Simkova, D.; Stovicek, J.; Vrcha, L.; Zdrahal, L.ORG: Neurological Clinic, Medical Faculty, Charles University, Hradec Kralove
(Neurologicka klinika lekarske fakulty KU)TITLE: Problem of late sequellae of poisoning with organophosphate insecticides

SOURCE: Ceskoslovenska neurologie, no. 3, 1965, 220-223

TOPIC TAGS: insecticide, toxicology, biochemistry, organic phosphorus compound,
neurology, biologic metabolism, nervous system

ABSTRACT:

Insecticides containing compounds of organic phosphorus damage the periphery of the nervous system in humans because they act on neuromuscular plates, vegetative ganglia, CNS, and the brain. Study of 398 people who worked with these insecticides showed the possibility of the occurrence of late sequellae. Pseudoneurasthenic syndromes were found. The organic P compounds affect the cholinesterase complex, and possibly hydrolysing ferment, and glycolysis and phosphorylation of serines. Myeline metabolism may be damaged permanently. Orig. art. has: 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 009

Card 1/1 HW

SERCL, Miroslav; JECHOVA, Dagmar; KOMRSKA, Milan; KOVARIK, Jaromir;
KYPAL, Vlastimil; LICHA, Helena; LICHY, Josef; NETTL, Sasa;
SIMKOVA, Dagmar; STOVICEK, Jaroslav; VRCHA, Lubomir; ZDRAHAL,
Leopold

Comparison of neurologic findings and organic phosphate serum
cholinesterases in delayed effects of insecticides on the human
body. Sborn. ved. prac. lek. fak. Karlov. univ.: Suppl. 8 no.4:
415-433 '65.

1. Neurologicka klinika (prednosta prof. MUDr. M. Sercl, DrSc.).

SERCL, Miroslav; VRCHA, Lubomir; JAROS, Otakar.

Antiserotoninins in the treatment of vascular headaches. Sborn.
ved. prac. lek. fak. Karlov. Univ. 8 no.2:207-213 '65.

1. Neurologicka klinika (prednosta = prof. MUDr. M. Sercl,
DrSc.) Lekarske Fakulty Karlovy University v Hradci Kralove.

SERCL, S.

Prospects of the future use of equipment of the old Electric-Power Plant in Zagreb. p. 422.

ENERGIJA. (Zajednica elektroprivrednih poduzeca Hrvatske i Institut za elektroprivredu u Zagrebu) Zagreb, Yugoslavia. Vol. 7, no. 10, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 6, June 1959.

Uncl.

TKALICH, S.M.; MINEYEV, I.K., glavnnyy red.; RYABENKO, V.Ye., zam. glavnogo red.; TUMOL'SKIY, L.M., zam. glavnogo red.; KUR'YANOV, F.K., otv. zav vypusk; BASSOLITSYN, Ye.P., red.; BLINNIKOV, I.I., red.; DAUKSHO, Yu.Ye., red.; DZINKAS, Yu.K., red.; ZHARKOV, M.A., red.; ZAVALISHIN, M.A., red.; MANDEL'BAUM, M.M., red.; MATS, V.D., red.; MALETOV, P.I. red.; NOMOKONOVA, N., red.; NOSEK, A.V., red.; SERD, A.I., red.; SEMENYUK, V.D., red.; TAYEVSKIY, V.M., red.; TIKHONOV, V.L., red.; TROFIMUK, I.N., red.; TOMILOVSKAYA, M.V., red.; FOMIN, N.I., red.; SHAMES, P.I., red.; TROSHANIN, Ye.I., tekhn. red.

[Biogeochemical anomalies and their interpretation.] Biogeokhimicheskie anomalii i ikh interpretatsiia. Irkutsk, 1961.
39 p. (Materialy po geologii i paleznym iskopaemym Irkutskoi oblasti no.3).
(MIRA 17:1)

BELYAYEV, A.P., red.; BESSOLITSYN, Ye.P., red.; BLINNIKOV, I.I.,
red.; DZINKAS, Yu.K., red.; ZHARKOV, M.A., red.;
KOROVIN, A.V., red.; KUR'YANOV, F.K., red.; MANDEL'BAUM,
M.M., red.; MALETOV, F.I., red.; RIABENIK, V.Ye., red.;
SAVINSKIY, K.A., red.; SERD, A.I., red.; SEMENYUK, V.D.,
red.; TUMOL'SKII, L.M., red.; TIKHONOV, V.L., red.;
ROFIRUK, P.I., red.; TUMILOVSKAYA, N.V., red.; FOMIN,
N.I., red.; BEKMAN, Yu.K., red. red.

[Recent data on the geology, petroleum potentials, and
mineral resources of Irkutsk Province] Novye dannye po
geologii, nefteognosti i poleznyim iskopaemym Irkutskoi
oblasti. Moskva, Nedra, 1964. 278 p. (MIRA 17:8)

1. Russia (1917- R.S.F.S.R.) Glavnaya upravleniye geologii
i okhrany nedor. Irkutskoye geologicheskoye upravleniye.

MALYKH, V.D.; SERD, M.A.

Measuring the length of stay of atoms in light sources for spectrum analysis. Opt. i spektr. 16 no.2:368-369 F '64. (MIRA 17:4)

BADYLKES, I.S. [author]; ROZENFEL'D, L., professor, doktor tekhnicheskikh nauk;
TKACHEV, A., kandidat tekhnicheskikh nauk, dotsent; KURYLEV, E., kandidat
tekhnicheskikh nauk, dotsent; SERDAKOV, G., inzhener.[reviewers].

"Active substances in refrigerating machines." Khol.tekh. 30 no.2:76-
(MLRA 6:7)
79 Ap-Je '53.
(Refrigeration and refrigerating machinery) (Badylkes, I.S.)

SERDAKOV, G.S., inzh.

Measuring heat capacity of superheated vapors of the working substances of refrigerating machines by means of a flow calorimeter. Trudy LTIKEP 5:44-46 '54. (MIRA 11:3)
(Refrigerants) (Calorimeters)

112-57-8-16276

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 8, p 35 (USSR)

AUTHOR: Rozenfel'd, L. M., Onosovskiy, V. V., and Serdakov, G. S.

TITLE: An Experimental Installation for Heating and Cooling the Buildings at the Site of the Stalingrad State Electric Station Development (Opytnaya ustanovka dlya otopleniya i okhlazhdeniya zdaniy na ploshchadke stroitel'stva Stalingradskoy GES)

PERIODICAL: Tr. Leningr. tekhnol. in-ta kholodil'n. prom-sti (Transactions of the Leningrad Technological Institute for the Cooling Industry), 1956, Nr 14, pp 32-43

ABSTRACT: To check some conditions associated with the use of a thermal pump for heating the buildings of an electric station, an experimental installation was built and tested at the site of the Stalingrad State Electric Station. This installation, in the Station's Electrotechnical Laboratory, used refrigerating machines for heating during the winter and cooling during the summer. As a source of low-temperature heat for the thermal pump, water is taken from an artesian well; the water is preheated by an electric heater that is analogous

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112-57-8-16276

An Experimental Installation for Heating and Cooling the Buildings at the Site

to a hydrogenerator having thermal losses but no output power. A single-stage freon-12 refrigerating machine was used as a thermal pump. Cold water at 5°-10° C was fed into an evaporator, where the heat yielded by the water brought freon-12 to the boiling point at a low pressure. Freon-12 vapor was admitted into a compressor, where it was brought up to the pressure corresponding to the condensation temperature necessary for the heating system. From the compressor, the vapor was channelled into a condenser in which the condensing vapor heated the water circulating in the heating system. The liquid freon-12 from the condenser was fed back into the evaporator with an intermediate throttling down to the pressure of the evaporator. Cold water from the evaporator was passed through an electric heater. The tests conducted in December, 1955, and in January, 1956, demonstrated the feasibility of utilizing thermal losses in hydrogenerators and transformers for heating of electric-station buildings. The thermal-pump heating system proved to be more economical than a separate heating boiler installation. Bibliography: Seven items.

V. Ya. G.

Card 2/2

ROZENFEL'D, L.M.; ONOSOVSKIY, V.V.; SERDAKOV, G.S.

Experimental testing of the feasibility of adapting refrigerating machinery for heating and cooling buildings using heat produced in the operation of hydroelectric power stations. Zhur. tekhn. fiz. 26 no. 9:2037-2045 S '56. (MLRA 9:11)

1. Tekhnologicheskiy institut kholodil'noy promyshlennosti,
Leningrad.

(Heat pumps) (Hydroelectric power stations)
(Refrigeration and refrigerating machinery)

ROZENFEL'D, L., dekter tekhnicheskikh nauk; ONOSOVSKIY, V.; SERDAKOV, G.S

Experimental installation for hydroelectric plant heating using
refrigerating machines. Khol.tekh.33 no.2:5-11 Ap-Je '56.
(MIRA 9:9)
(Heat pumps) (Hydroelectric power stations--Air conditioning)

ROZENFEL'D, Lev Markovich, prof., doktor tekhn.nauk; TKACHEV, Anatoliy Georgiyevich, prof., doktor tekhn.nauk; GUREVICH, Yevgeniy Semenovich, inzh.; ONOSOVSKIY, V.V., inzh.; SERDAKOV, G.S., inzh.; TSYRLIN, B.L., inzh.; KALNIN', I.M., inzh.; ROMANOVSKIY, N.V., inzh.; YATSUNOV, I.F., inzh.; DANILOVA, G.N., dotsent; MIKHAI'SKAYA, R.N., inzh.; KARNAUKH, M.S., inzh.; STUKALENKO, A.K., inzh.; IL'IN, A.Ya., inzh.; TSIPERSON, A.L., red.; BABICHEVA, V.V., tekhn.red.

[Examples and designs of refrigerating machines and apparatus]
Primery i raschety kholodil'nykh mashin i apparatov. Moskva, Gos.
izd-vo torg.lit-ry, 1960. 237 p. [Thermodynamic diagrams of
the refrigerants used] Termodinamicheskie diagrammy rabochikh
tel kholodil'nykh mashin. (MIRA 13:9)
(Refrigeration and refrigerating machinery)

SERDAKOV, G.S., inzh.

Determining the optimum intermediate temperature in a two-stage
refrigerating machine. Khol. tekhn. 38 no.3:25-30 My-Je '61.
(MIRA 15:1)

1. Leningradskiy tekhnologicheskiy institut kholodil'noy
promyshlennosti.
(Refrigeration and refrigerating machinery)

GUBAREV, G.V., inzh.; SERDAKOV, M.A., inzh.

Indexing a piston compressor using a tensometric pressure
gauge. Khim i neft. mashinostr. no.2841-42 Ag '64
(MIRA 18:1)

SERDAKOVA, T.S.

Exercise therapy in spinal tuberculosis. [Trudy] GIDOV
(MIRA 16:6)
no.35:190-216'62.

1. Leningradskiy nauchno-issledovatel'skiy institut khirur-
gicheskogo tuberkuleza (dir. Prof. D.K.Khokhlov) i kafedra
vrachebnogo konstrolyya za fizicheskim vospitaniye, i lechebnoy
fizicheskoy kul'tury Leningradskogo gosudarstvennogo ordena
Lenina instituta usovershenstvovaniya vrachey.
(SPINE—TUBERCULOSIS) (EXERCISE THERAPY)

SERLAR, J.

Mounting and adjusting a locomotive poppet valve gear. p. 201.

TEHNICKI PRFGLED. Zagreb, Vol. 6, No. 5/6, 1954

SO: EFAL, Vol. 5, No. 7, July 1956

SERDAR, J.

Modified Heusinger-Walschaert valve gear with a curved equivalent eccentric lines. p. 165

TEHNICKI PREGLED, Zagreb, Vol. 7, No. 5/6, 1955

SO: EEAL, Vol. 5, No. 7 July 1956

SERDAR, J.

Persistence and patience, two important factors in rationalization of production in the machine industry. p. 623.
TEHNIKA (Savaz inzenjeri techicara Jugoslavije) Beograd
Vol. 11, no. 4, 1956.

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

SERDAR, J.

Problem of the maintenance of locomotives during the period of replacement
of steam locomotives with diesel locomotives. p. 129

STROJNISKI VESTNIK (Fakulteta za elektrotehniko in strojnistvo Univerze v
Ljubljani Institut za turbostroje v Ljubljani Drustvo strojnih inzenirjev in
tehnikov iz Slovenije in Strojna industrija Slovenije) Ljubljana, Yugoslavia.
Vol.3, no. 6, Dec. 1957.

Monthly List of East European Accession (EEAI) LC Vol. 8, no. 6, June 1959.
Uncl.

SERDAR, Jozo, prof. inz.

Computation of motive power in the diesel hydraulic rail motor vehicles. Strojarstvo 5 no.1/2:1-8 '63.

1. Clan Urednistva, "Strojerstvo."

STOJKOV, N.; SERDAREVIC, H.; VULANOVIC, J.; KONJICIJA, A.

Evolution of pulmonary lesions in children treated for primary
tuberculosis in 1952-1957. Bul sc Youg 7 no.6:170 D '62.

1. Fizioloska klinika Medicinskog fakulteta, Sarajevo.

TESKEREDZIC, Dzelaludin, Dr.; SERDAREVIC, Hisam, Dr., San. majori

Personal experience with bronchography. Med. arh., Sarajevo
9 no.1:65-72 Jan-Feb 55.

1. (ORL-odjeljenje Vojne bolnice Sarajevo, Sef: Dr. Dz. Teskeredzic)
(BRONCHI, radiography
indic. & technic. (Ser))

SERDAREVIC, Hisam, Dr.

~~Case of Besnier-Boeck-Schaumann's disease treated with cortisone.~~
Med. arh., Sarajevo 9 no.2:65-71 March-Apr 55.

1. (Sa grudnog odjelenja Vojne bolnice-Sarajevo).
(SARCOIDOSIS, ther.
cortisone. (Ser))
(CORTISONE, ther. use,
sarcoidosis. (Ser))

SERDAREVIC, Hisan, Major Dr.

Respiratory disease epidemic in a military unit. Voj. san.
pregl., Beogr. 12 no.11-12:621-627 Nov-Dec 55.

(RESPIRATORY TRACT, dis.
epidemic in Yugosl. Armed Forces personnel. (Ser))
(ARMED FORCES PERSONNEL, dis.
resp. tract, epidemic in Yugosl. (Ser))

TVRTKOVIC, Reuf, Dr.; SERDAREVIC, Hisam, Dr.

Problems of syndrome of atypical pneumonia. Med. arh.,
Sarajevo 10 no.1:27-40 Jan-Feb 56.

1. (Interno odjeljenje Vojne bolnice Sarajevo).
(PNEUMONIA, PRIMARY ATYPICAL,
(Ser))

SERDAREVIC, Hisam, Dr.

Lung changes caused by syphilis. Med. arh., Sarajevo 10 no.
2:15-21 Mar-Apr 56.

1. Sa grudnog odjeljenja Vojne bolnice - Sarajevo.
(SYPHILIS, manifest.
lungs (Ser))
(LUNGS, in various dis.
syphilis (Ser))

SERDAREVIC, Hisam, doc. d-r

Role of the respiratory system in collagen diseases. Med. arh.,
Sarajevo 13 no.4:7-25 Jl-Ag '59.

1. Fiziologika klinika Medicinskog fakulteta u Sarajevu, sef: prof.
d-r S. Janovic.
(COLLAGEN DISEASES compl.)
(RESPIRATORY SYSTEM dis.)

SERDAREVIC, Hisam

Pneumonia in erythema exudativum multiforme. Tuberkuloza, Beogr. 12
no.4:66-69 '60.

1. Klinika za plućne bolesti i tuberkulozu, Sarajevo (predsednik: prof.
dr S. Janovic)

(ERYTHEMA MULTIFORM compl) (PNEUMONIA etiol)

SERDAREVIC, Hisam, dr.

Prevention of eosinophilic pulmonary infiltrations. Med. arh. 16 no.3:
25-34 My-Je '62.

1. Klinika za plucne bolesti i tuberkulozu Medicinskog fakulteta u
Sarajevu (Sef: prof. dr Spiro Jarovic).
(LUNGS pathol) (EOSINOPHILS)

SERDAREVIC, Hisam; SIMEONOV, Ljubomir

Studies on histoplasmosis in Bosnia and Hercegovina. Tuberkuloza
16 no. 53472-480 S-D '64

1. Klinika za plućne bolesti i tuberkulozu Medicinskog fakulteta
u Sarajevu (Direktor: prof. dr. S. Janovic); Zavod za tuberkulozu
u Sarajevu (Direktor: prim dr. S. Teofanovic).

SERDAREVIC, Hisam

Differential diagnostic and therapeutic problems in nonspecific pulmonary infiltration. Med. arh. 18 no.4:67-72 Ag-S '64

1. Klinika za plucne bolesti i tuberkulozu Medicinskog fakulteta u Sarajevu (Upravnik: Prof. dr. S. Janovic).

SERDAREVIC, Hisam, prof. dr.

Factors influencing the effect of tuberculosstatic therapy.
Med. glas. 19 no.6:153-156 Jl-Ag ' 65

1. Klinicka bolnica za plucne bolesti i tuberkulozu Medicinskog fakulteta u Sarajevu (Upravnik: prof. dr. S. Janovic).

STOJKOV, Nevena; SERDAREVIC, Sabiha; VULANOVIC, Julijana;
KONJICIJA, Abdulah

Evolution of pulmonary lesions in children after 5-10 year
therapy of primary tuberculosis. Tuberkuloza 15 no.1:47-50
Ja-Mr '63.

1. Klinicka bolnica za plucne bolesti i tuberkulozu Medicinskog
fakulteta, Sarajevo - Sef: prof. dr Spiro Janovic.

(TUBERCULOSIS IN CHILDHOOD)
(TUBERCULOSIS, PULMONARY)
(TUBERCULOSIS, LYMPH NODE)
(ANTITUBERCULAR AGENTS)

S

S/081/62/000/002/083/107
B157/B110

11.9100

AUTHOR: Serdarly, M. H.

TITLE: Effect of aromatic hydrocarbons on the viscosity of lubricating oil fractions

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 487, abstract 2M196 (Uch. zap. Azerb. un-t, Ser. fiz-matem. i khim. n, no. 4, 1960, 83 - 87)

TEXT: As a result of an investigation of the effect of aromatic hydrocarbons on the viscosity - temperature characteristics of lubricating oil fractions 378 - 384°, 414 - 492°, 422 - 432°, 422 - 440°, and 446 - 453° from Balakhany petroleums, the conclusion is drawn that the removal of aromatic hydrocarbons improves the viscosity - temperature characteristics of oil, that is, the viscosity - temperature curves are flatter. [Abstracter's note: Complete translation.] ✓B

Card 1/1

SHIPILOV, V.A.; CHUBOV, P.G.; SERDECHKIN, Yu.I.; GUGHCHIN, Yu.A.

Inductive controlier and its use in automatic control systems.
Gor. zhur. no.4:63-65 Ap '64. (MIRA 17:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy gornometallurgicheskiy
institut tsvetnykh metallov, Ust-Kamenogorsk.

SERDECHNAYA, A.

Serdechnaya, A. "A characteristic of various varieties of sunflower in the dynamics of their growth and development," Sbornik nauch. rabot studentov (Rost. n/D gos. un-t im. Molotova), Issue 1, 1949, p. 66-68

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

SERDECHNYY, A., DALIN, A.

Agricultural Machinery

New machines for the improvement of meadows and pastures. Kolkh. proizv.
12, No 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.
2

SERDECHNYY, A.N., inzh.

Improving rotor-type mower-choppers. Mekh. i elek. sots. sel'khoz.
21 no. 3:51-52 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov
im. V.R. Vil'yamsa.
(Mowing machines)

SERDECHNYY, A.N., inzh.; ORLOV, I.P., kand. sel'skokhoz. nauk

Technology and mechanization of hay harvesting. Zemledelie
26 no.6:65-73 Je '64. (MLA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kormov.

SERDECHNY, M.

Changing the system of planning haulage. Avt.transp. 32 no.8:
32 Ag '54. (MLRA 7:11)
(Transportation, Automotive)

SERDECHNYY, M.; NUZHNEKO, A.; SHUBIN, P.

Central dispatching system for interurban trucking. Avt.transp.
41 no.4:15-17 Ap '63. (MIRA 16:5)
(Ukraine=Transportation, Automotive=Freight)

L 18878-66 EWT(m)/T DJ

ACC NR: AP6004225 (A) SOURCE CODE: UR/0331/65/000/011/0011/0012

AUTHOR: Inber, F. I.; Serdechnyy, V. N.

ORG: SevNIIP

TITLE: A mechanized lubrication service station

SOURCE: Lesnaya promyshlennost', no. 11, 1965, 11-12

TOPIC TAGS: lubrication equipment, forestry

ABSTRACT: A lubrication station servicing diesel and gas engine vehicles at the Verhovskoy Forestry is described. The station established in 1964 by SevNIIP, was equipped with a compressor unit, a pneumatic system for pumping non-fluid oil, and a fluid oil storage arrangement consisting of three GARO pumps, each mounted on a 150-liter barrel. In addition, five revolving trommels carrying pressure hoses were provided of which three are used for distribution of fluid oils, the fourth for greasing diesel vehicles with oils of high consistency and the fifth for distribution of compressed air.

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22
B
2
UDC: 621.896

L 18878-66

ACC NR: AP6004225

A 2.8-kw electric heater of TEN-28 type placed under oil barrels is used in winter. The operation of the station servicing three TU-4 and six TMU-60 diesel vehicles was efficient and economical. Twenty more similar stations will be manufactured in 1966 by the Petrozavodsk mechanical-repair plant. Orig. art. has: 2 photos.

SUB CODE: 13 / SUBM DATE: None / ORIG REF: 000 / OTH REF: 000

Card 2/2 *Jo*

NAYMAN, L.M., inzh.; SERDELEVICH, G.Ye., inzh.

Problem concerning the warping of the fire tubes of the combustion
chambers of gas turbine engines. Trudy TSNII MPS no.241:141-153
'62. (Gas turbines) (MIRA 15:12)

KIST'YANTS, L.K.; NAYMAN, A.M.; SERDELEVICH, G.Ye.; LEBEDEV, B.P.,
doktor tekhn. nauk, prof., retsenzent; VINOGRADOV, N.S.,
retsenzent; MEYLIKHOV, M.Ye., inzh., red.

[Combustion chambers of gas-turbine locomotive engines]
Kamery sgorania lokomotivnykh gazoturbinnykh dvigatelei.
Moskva, Mashinostroenie, 1965. 147 p. (MIRA 18:8)

SERDENKO, V.M.; MATVEYEV, G.O.; MARKIVSKII, E.A.

Work of caterpillar tractors in plowing with regular plows and with
plows without moldboards. Visnyk AN URSR 26 no.11:44-52 N '55.
(Caterpillar tractors) (MLRA 9:2)

SERDERAK, Kazimierz

A rare case of foreign body in the appendix. Pol. tyg. lek. 20
no.22:810-811 31 My '65.

1. Z I Kliniki Chirurgicznej AM w Krakowie (Kierownik: prof. dr.
med. Jozef Bogusz).

GENGRINOVICH, A.I.; SERDESHNEV, A.V.

Quantitative determination of butadiene. Apt. delo 9 no. 5:13-15
(MIRA 13:10)
S-O '60.

1. Kafedra tekhnologii lekarstvennykh form i galenovykh preparatov
(zav. - prof. Z.M. Umanskiy) Tashkentskogo farmatsevticheskogo
instituta i respublikanskoy kontrol'no-analiticheskoy laboratorii
Uzetskogo gosudarstvennogo aptechnogo upravleniya (zav. A.V. Serdeshnev).
(PYRAZOLIDINEDIONE)

SERDINOV, A.I.

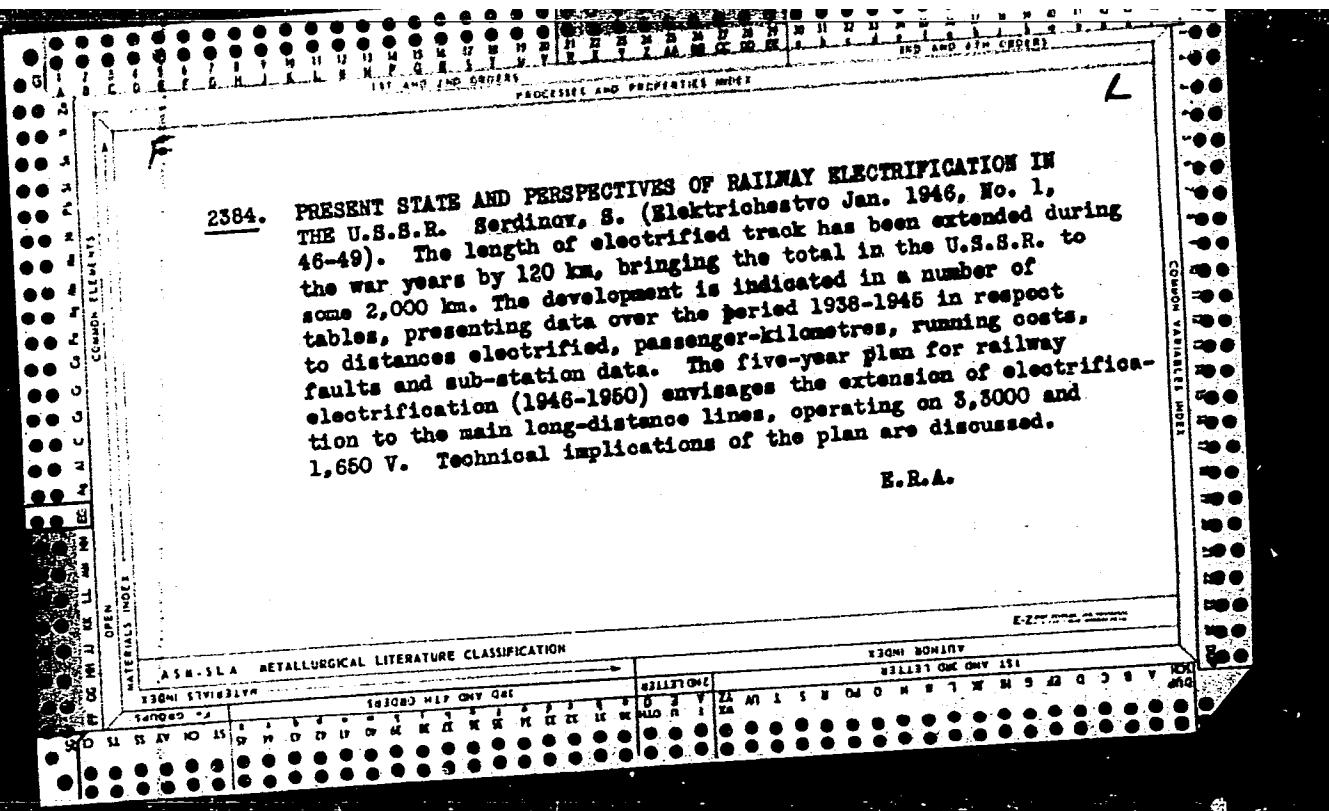
Results of the Interuniversity Scientific Conference on Inductive
Methods in Mining Geophysics. Izv.vys.ucheb.zav.; geol.i razv.
no.2:107-112 F '62. (MIRA 15:3)

1. Uchenyy sekretar' Mezhvuzovskoy nauchnoy konferentsii po
induktivnym metodam rudnoy geofiziki v Moskve.
(Electric prospecting)

DAYEV, D.S.; SERDINOV, A.I.; TARKHOV, A.G.

Modeling problems in the method of radio wave probing. Izv. AN
SSSR. Ser. geofiz. no.6:936-945 Je '63. (MIRA 16:7)

1. Moskovskiy geologorazvedochnyy institut imeni S.Ordzhonikidze.
(Electromagnetic prospecting)



SERDINOV, S. M., Eng.

Cand. Tech. Sci.

Dissertation: "Causes for Axle Fractures and Cracks on Sub-Hub Parts of the Wheel Pairs of Electric Rolling Stock." Moscow Order of the Labor Red Banner Electromechanical Inst of Railroad Engineers imeni F. E. Dzerzhinskij, 19 Mar 47.

SC: Vechernaya Moskva, Mar, 1947 (Project #17036)

SERDINOV, S. M..

Elektrifikatsiia zheleznykh dorog. [In Railroad electrification]. (In Levin, D. I. Osnovnye voprosy piatiletnego plana vosstanovleniya i razvitiia zheldor. transporta. Moskva, 1947, p. 202-212).

DLC: HE3137.L4

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

SERDINOV, S. M.

PA 29730

THE PROBLEM OF SUPPLYING ELECTRICAL POWER TO LONG
RAILROAD LINES
Electric Power Transmission

Copy 197

"The Problem of Supplying Electrical Power to Long
Railroad Lines," S. M. Serdinov, Candidate in Technical
Sciences, Central Administration for the Electrification
of Railroads, 3 pp

Electrichesivo" No 9

Solving the problem of supplying long railroad lines
is one of the most important tasks of the new Five-
Year Plan. A correct solution of this problem will
aid industries and collective farms, and will tend to
raise the efficiency of the entire economy. The rail-
road electrification division has various problems
which have to be overcome and some solutions. All
these questions are theoretical and open to discus-
sion.

SERDINOV, S.M., inzhener.

Immediate tasks in the field of railroad electrification.
Zhel. dor. transp. 38 no.11:15-18 N '56. (MLRA 9:12)

(Railroads--Electrification)

SERDINOV, S.M.

Suggestions dictated by experience obtained in the a.c.
electrification of Chernorechenskaya-Klyukvennaya Section of
the Vrasnoyarsk Railroad. Elek. i tepl. tiaga 14 no.3:1-5
Mr '60. (MIRA 13:7)

1. Nachal'nik Glavnogo upravleniya elektrifikatsii i energeticheskogo
khozyaystva.
(Railroads--Electrification)

SERDINOV, S.M.

Improvement of equipment handling methods is an important problem
for electrification workers and power engineers. Elek. i tepl.
tiaga 5 no.3:1-3 Mr '61. (MIRA 14:6)

1. Nachal'nik Glavnogo upravleniya elektrifikatsii i energeticheskogo
khozyaystva Ministerstva putey soobshcheniya.
(Electric railroads--Current supply)

SERDINOV, S.M., inzh.

General railroad electrification plan in action. Zhel.dor.transp.
43 no.10:12-17 0 '61. (MIRA 14:9)

1. Nachal'nik Glavnogo upravleniya elektrifikatsii i energeti-
cheskogo khozyaystva Ministerstva putey soobshcheniya.
(Railroads--Electrification)

SERDINOV, S.M. (Moskva)

Development of the electrification of railroad transportation.
Izv. AN SSSR. Energ. i transp. no. 5:605-607 S-0 '63.
(MIRA 16:11)

ZELENSKIY, Yu.I.; SERDINOV, S.M.

Japanese high-speed railroad line Tokio-Osaka. Zhel.dor.transp.
45 no.8:83-87 Ag '63. (MIRA 16:9)

1. Nachal'nik Upravleniya mezhdunarodnykh soobshcheniy Ministerstva
putey soobshcheniya (for Zelenskiy). 2. Nachal'nik Glavnogo
upravleniya elektrifikatsii i energeticheskogo khozyaystva
Ministerstva putey soobshcheniya (for Serdinov).
(Japan—Railroads)

TREYVAS, M.D.; SERDINOV, S.M., inzh., retsenzent; SOKOLOV, S.D.,
kard. tekhn. nauk, red.; VOTONIKOVA, L.F., tekhn. red.

[Higher harmonics of a rectified voltage and their decrease
in d.c. traction substations] Vysshie garmonicheskie vyp-
riamlennoe napriazheniya i ikh snizhenie na tiagovykh pod-
stantsiiakh postoiannogo toka. Moskva, Izd-vo "Transport,"
1964. 98 p.
(MIRA 17:3)

I. 09303-67 EWP(d)/EWP(h)/EWP(l)

ACC NR: AP6030075

(A)

SOURCE CODE: UR/0232/66/000/008/0011/0018

55

AUTHOR: Serdinov, S. M. (Chief)

ORG: Main Administration of Electrification and Power Industry (Glavnoye upravleniye
elektrifikatsii i energeticheskogo khozyaystva)

TITLE: Prospects for electrification of railways

SOURCE: Zheleznodorozhnyy transport, no. 8, 1966, 11-18

TOPIC TAGS: railway status, railway transportation, railway equipment, ~~electric~~
~~engineering~~, electric equipment

ABSTRACT: A general review of the Soviet electric railway development is presented in connection with the new 1966-1970 Five Year Plan. The progressive growth of electric railway lines between 1930 and 1965 is given in a table showing that in 1965 the total length of d-c lines was 24,902 km and of a-c lines was 7,953 km. In 1966, the transfer of all suburban d-c lines from 1650-v to 3300-v circuits will be completed. A further expansion (started in 1955) of a-c lines at 25 kv and 50 cps is anticipated. In general, the new planned electric railroads are either numerous branch lines or further extensions and connections of trunk lines. These new additional lines are mentioned in the text and shown on the map representing the present and planned developments of the Soviet electric railway network. In total, about 10,000 km of railways (mostly of diesel type) will be transferred to electric traction. It is estimated that at the beginning of 1970 a total

UDC: 621.331

Card 1/2

L 09303-67

ACC NR: AP6030075

length of 35,000 km of railways (about 25% of total railway network) will be electrified covering more than 52% of a total ton-km transportation traffic. The variations in traffic conditions (including steam, diesel and electric traction) is demonstrated in two graphs. The other three graphs are used for illustrating economical advantages such as consumption of fuel and energy. The improvements to be applied to contact lines and substation equipment is also discussed and statistical data on accidents and malfunctions observed in the past are presented in two tables. Various considerations and data are presented on the development of a new remote control system and on the use of silicon rectifiers, ignitron and inverters. It is proposed to equip new substations only with silicon rectifiers and to increase economy of generative braking. The experiments with the introduction of 6-kv direct current system will be completed as well as various studies for improving the contact lines and their supporting structures. Power economies is also discussed and the use of traction power from general central stations and systems is strongly recommended. It is expected that the number of special railway power stations will be considerably reduced. Various problems of management, personnel, labor force and a further development of automation are also reviewed and some statistical data are presented. Orig. art. has: 7 figures, 3 tables.

SUB CODE: 13, 09/ SUBM DATE: None

Card

2/2

SERDINOV, V.I., inzh.

Manual, KRS-30 marine compressor. Sudostroenie 30 no. 5:34
My '64.

BARSKIY, M.R., kand.tekhn.nauk; SERDINOVA, I.N., kand.tekhn.nauk; RAKOV, V.A., red.;
VERINA, G.P., tekhn.red.

[Increasing tractive and braking capacities of electric locomotives] Uluchshenie tiagovykh i tormoznykh svoistv elektrovozov.
Moskva. Gos.transp.zhel-dor.izd-vo. 1952. 181 p. (Moscow. Vsesoiuznyi
nauchno-issledovatel'skii institut zheleznodorozhного transporta.
Trudy, no. 64) (MIRA 12:1)

(Electric locomotives)

SERDINOVA, I. N.

112-3-5984

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957,
Nr 3, p. 135, (USSR)

AUTHOR: Serdinova, I. N.

TITLE: Use of Trolley-Truck Transportation in Open-Cut Mining
Operations (Primeneniye trolleyvoznogo transporta na
otkrytykh gornykh rabotakh)

PERIODICAL: In Sbornik: Materialy nauch.-tekhn. soveshchaniya po
tyagovomu elektrooborudovaniyu, November 1953, Riga,
1955, pp. 134-138

ABSTRACT: An account is given of the advantages of trolley-truck
transportation in open-cut mining operations as com-
pared with automotive and rail transportation. The re-
sults of experiments dealing with trolley-truck traction
at a Bogurayevsk mine, which substantiated the effi-
ciency of this type of transportation, are presented.
The experimental trolley-trucks were obtained by in-
stalling ordinary trolley bus electrical equipment in
the five-ton MA3-205 dump truck. The trolley-trucks
were so reliable and advantageous in operation that the
Bogurayevsk mining administration decided to adopt them

Card 1/2

621.337.5
3282. Calculation of the electric braking characteristics for circuits with counter-excitation of the exciter. I. N. SEGDINOVA AND M. R. BANZI.
Electricheskie i mekhanicheskie. In Russian.

The method suggested can be applied equally well to calculate the characteristics of recuperative and rheostatic braking with counter-excitation of the exciter, being based on the most general case of a circuit with speed regulator in which the e.m.f. of the exciter depends on braking current as well as on speed of the movement. The method remains equally accurate when a speed regulator is absent. The braking characteristics relating train speed and parameters of braking circuit may be used to obtain the real characteristics for given circuit parameters, or optimum braking characteristics when conditions of train movement and circuit parameters are known; alternatively, it is possible to obtain a number of variants of the braking characteristics for the choice of the circuit parameters for new types of traction equipment. In the first two cases, the wiring connections of the traction motors, resistances in the traction circuit and load characteristics of traction motor and exciter are usually known, whereas in the

third case, when the design data of the exciter are unknown, universal magnetization curves for machines of a similar type may be used and the calculation carried out in per-units, the required values can be obtained by a ready approximation. Numerical examples for all these cases are fully worked out.

B. F. KRAUS

SERDINOVA, I. N.

112-1-920

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 1,
p. 149 (USSR)

AUTHOR: Serdinova, I. N.

TITLE: Regenerative Braking in Electrified Hauling in Open Pit
Mining (Rekuperativnoye tormozheniye pri elektrifitsiro-
vannoy otkatke na otkrytykh gornykh razrabotkakh)

PERIODICAL: Sbornik tr. In-ta gorn. dela AN USSR, 1956, Nr 3 (12),
pp. 133-150

ABSTRACT: A successful application of electric trolley cars for
hauling in open pit mining is reported. Four 5-ton, two
10-ton and one 25-ton trolley cars are in operation at
present. The use of trolley locomotives is particularly
profitable for heavy track profiles with steep grades,
where there are many possibilities of applying regenera-
tive braking. A trolley locomotive equipped with a
parallel-excitation traction motor not only comes down
the slope at steady speed without mechanical braking,
but also during stops reduces speed to 7 - 8 km per hr,
feeding energy back to the power system. Formulas are
derived for the determination of the electric energy
spent for hauling minerals in open-pit mines and for
the determination of the amount of energy fed back to the

Card 1/2

SERDINOVA, N.A.

Simplified initial forms for labor and wage accounting. Stroili dor.
mashinostr. 1 no.10:30-31 0 '56. (MLRA 9:11)
(Accounting) (Wages)

SERDINSKIY, V.G. (Kazan')

Discussing the principles of efficient use of agricultural machinery
during the physics lessons in rural schools. Fiz.v shkole 21
no.3:70-74 My-Je '61. (MIRA 14:8)
(Agricultural machinery)